

1 INTRODUCTION

The purpose of this Design Analysis Report (DAR) is to provide a narrative discussion of the methods and assumptions used in developing the design of the Holly Street Landfill Cleanup/Whatcom Creek Estuary Restoration Project (henceforth the “Project”) in Bellingham, Washington. This DAR is one part of an overall draft final (100 percent level) design submittal package which also contains design plans, specifications, and associated documents. The remedial actions selected for the site will occur under the legal framework of a recently entered Consent Decree between the City of Bellingham (City) and the Washington State Department of Ecology (Ecology). Preparation of this DAR was funded by a Supplemental Grant from the U.S. Environmental Protection Agency (EPA) Brownfields Assessment Demonstration Pilot Program. Work was carried out in a manner consistent with the Cooperative Agreement between the City and EPA, and also consistent with the terms of the Consent Decree between the City and Ecology.